

Englist.me



Vocabulary Builder Reference from...

Anjali Tripathi: Why Earth may someday look like Mars | TED Talk

https://www.ted.com/talks/anjali_tripathi_why_earth_may_someday_look_like_mars

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling
The golfer recorded an **amazing** distance.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**
Mercury is the closest **planet** to the sun.

faraway

adj. located at a geographically distant place; remote or separated by distance; distant or not easily accessible

synonym: distant, remote, far-off

(1) **faraway** land, (2) **faraway** dream

The view from the **faraway** hilltop was breathtakingly beautiful.

pound

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**

The car's front bumper cost fifteen hundred **pounds**.

hydrogen

n. the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

(1) **hydrogen** gas, (2) heavy **hydrogen**

The **hydrogen** and the oxygen react and then form water.

helium

n. a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

synonym : He, light gas, noble gas

(1) **helium** atom, (2) **helium** gas

The **helium-filled** balloons floated into the sky.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym : air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

astronaut

n. a person trained by a space agency to travel outside the Earth's atmosphere

synonym : spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

tenuous

adj. very weak or slight that it hardly exists

synonym : slight, fragile, slender

(1) **tenuous** relationship, (2) **tenuous** link

Evidence submitted by attorneys is **tenuous** due to a lack of objectivity.

veneer

n. a thin layer of material applied to the surface of something for decoration or protection; a superficial or deceptive outward appearance that conceals the true nature of something beneath it

synonym : overlay, laminate, facing

(1) **veneer** knowledge, (2) **veneer** stone

The wooden table had a thin **veneer** of cherry wood on top, giving it a beautiful and glossy finish.

flourish

v. to grow or develop vigorously or successfully

synonym : boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide

The Ottoman Empire **flourished** for over five centuries.

meteorite

n. a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space

synonym : meteor, shooting star, asteroid

(1) **meteorite** impact, (2) **meteorite** shower

The **meteorite** fragments were collected and sent to a laboratory for analysis.

phenomenon

n. something that exists and can be perceptible, especially one that is not fully understood

synonym : marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

disappear

v. to cease to exist or be visible

synonym : fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

frightening

adj. causing fear or alarm, or very surprising and alarming
synonym : scary, terrifying, alarming

(1) cast **frightening** eyes, (2) **frightening** experience

The news of the pandemic was a **frightening** reminder of the fragility of human health.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

atmospheric

adj. about or located in the earth's atmosphere

synonym : atmospherical, climatic

(1) doubling of **atmospheric** carbon dioxide,

(2) **atmospheric** pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym : particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym : cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

undergo

v. to go through something unpleasant or that involves a change

synonym: experience, suffer, endure

(1) **undergo** surgery, (2) **undergo** a decrease

The train has to **undergo** rigorous safety checks.

courtesy

n. polite behavior or remark that shows respect for other people

synonym: civility, politeness, respect

(1) **courtesy** call, (2) fail to show **courtesy**

Different cultures have different ways of expressing **courtesy**.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

bound

v. to move forward by leaps and bounds; to form the boundary of something

synonym: jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase

Canada **bounds** on the United States.

gravity

n. the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

synonym: heaviness, attraction, weight

(1) the attraction of **gravity**, (2) preserve my **gravity**

The astronaut felt weightless in space due to the absence of **gravity**.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym : pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

attractive

adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

synonym : beautiful, fetching, alluring

(1) **attractive** men, (2) **attractive** opportunity

The growth of the "sharing economy" is **attractive** for tech companies.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

synonym : path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym : atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

balloon

n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

synonym : aerostat, blimp, (verb) billow out

(1) **balloon** ride, (2) **balloon** into a severe political problem

The satellite **balloon** slowly ascended into the sky.

lantern

n. a portable source of lighting, typically featuring a protective enclosure for the light source

synonym : lamp, beacon, flashlight

(1) candle **lantern**, (2) a **lantern** in the dark

The paper-covered **lantern** glowed softly in the darkness.

festival

n. a celebration or event, usually marking a particular religious or cultural occasion, often involving processions, music, dancing, and the performance of plays or other artistic works

synonym : fair, holiday, celebration

(1) **festival** attendee, (2) international film **festival**

The music **festival** attracts visitors from all over the world.

propel

v. to move, drive or push something forward or in a particular direction, often with a lot of force

synonym : drive, push, move

(1) **propel** growth, (2) **propel** the ship

An increase in employment helps **propel** economic growth.

upward

adv. toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place

synonym : skyward, uphill

(1) look **upward**, (2) demonstrate an **upward** trend

The company adjusted the revenue **upward**.

interplay

n. the way in which two or more things interact or influence each other

synonym : interaction, give-and-take, interconnection

(1) **interplay** among neurons, (2) complex **interplay**
The **interplay** of light and shadow creates a dramatic effect in the painting.

overcome

v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

synonym : beat, confound, overwhelm

(1) **overcome** opponents, (2) **overcome** all difficulties
He tried to **overcome** a bad reputation and win the election.

ultraviolet

adj. relating to or occupying the part of the spectrum beyond the violet end, especially radiation

synonym : black light, UV light, invisible light

(1) **ultraviolet** protection, (2) **ultraviolet** light
Ultraviolet radiation can cause skin damage if one is exposed for too long.

dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym : energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person
The sprinter has a **dynamic** way of running.

explorer

n. a person who travels to places where no one or few people have been before to find out what is there

synonym : adventurer, trailblazer, scout

(1) team of **explorers**, (2) a polar **explorer**
Aboriginal people killed the **explorer** who entered the sacred land for them.

spacecraft

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

synonym : spaceship, satellite, probe

(1) **spacecraft** launch, (2) alien **spacecraft**

The human-crewed **spacecraft** successfully landed on the moon, fulfilling its mission.

glow

v. to give out a steady, strong light

synonym: shine, radiate, beam

(1) **glow** a pale orange, (2) **glow** gold in the light

The sun was setting, and the sky **glowed** with beautiful colors.

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym: achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

nitrogen

n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

(1) heavy **nitrogen**, (2) **nitrogen** absorption

Nitrogen gas is used to inflate car tires because it does not react with rubber.

glimmer

n. a flash of light especially unsteady or reflected light; a slight sign of something

synonym: gleam, dazzle, gleam

(1) without a **glimmer** of truth, (2) give a **glimmer** of light

There is however a **glimmer** of hope.

aurora

n. a natural appearance of colored light in Earth's sky that is usually seen in high-latitude regions, especially around the Arctic and Antarctic

(1) **aurora** watching, (2) polar **aurora**

Northern and southern hemispheres alike experience the **aurora**.

wisp

n. a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

synonym: strand, thread, filament

(1) a **wisp** of mist, (2) a **wisp** of conversation

The **wisp** of smoke from the candle added to the room's cozy ambiance.

conclusive

adj. serving to settle an issue or put an end to doubt or uncertainty; irrefutable and leaves no room for doubt

synonym: decisive, definitive, convincing

(1) **conclusive** information, (2) **conclusive** statement

The research provided **conclusive** evidence that the new treatment was effective.

tight

adj. fixed, fastened, or kept together firmly or closely

synonym: closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

alarming

adj. causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing

synonym: forbidding, concerning, disturbing

(1) **alarming** news, (2) **alarming** statistics

The sudden rise in crime rates in our neighborhood is quite **alarming**.

- mar**
- v. to damage or spoil the appearance or surface of something
synonym : damage, deface, disfigure
- (1) **mar** a proper relationship, (2) **mar** the reputation
The scratches on the car **marred** its otherwise perfect appearance.
- crater**
- n. a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite
synonym : cavity, hole, pit
- (1) **crater** lake, (2) lunar **crater**
An enormous **crater** marks the area where the vast volcanic explosion occurred.
- indicate**
- v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
synonym : hint, suggest, show
- (1) **indicate** a preference, (2) **indicate** an error
The data **indicates** that the company's profits have steadily increased over the past quarter.
- oxidant**
- n. a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
- (1) **oxidant** stress, (2) natural **oxidant**
Breathing in large amounts of **oxidants**, like ozone, can harm the respiratory system.
- rust**
- n. a reddish-brown coating or corrosion layer that forms on iron or steel as a result of exposure to moisture and oxygen; the process of corrosion on metal caused by oxidation
synonym : corrosion, oxidation, decay
- (1) **rust-proofing**, (2) **rusty** metal

The old car was covered in **rust** and needed extensive repair work.

rusty

adj. covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect

synonym : corroded, oxidized, weathered

(1) **rusty** metal, (2) **rusty** nail

The **rusty** gate creaked loudly as it opened.

probe

n. a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

synonym : investigation, inquiry, examination

(1) a lunar **probe**, (2) **probe** for inside information

NASA sent a **probe** to study the atmosphere of Jupiter.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

volatile

adj. likely to change rapidly or unexpectedly, or being unstable or explosive

synonym : unstable, unpredictable, explosive

(1) highly- **volatile** elements, (2) **volatile** markets

Their relationship was **volatile** and prone to sudden outbursts of anger.

evolution

n. a gradual process of transformation of living things

synonym : elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory
They study the **evolution** of the universe.

stunning

adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
synonym : beautiful, breathtaking, magnificent

(1) **stunning** beauty, (2) **stunning** disclosure
The **stunning** sunset took everyone's breath away.

confirm

v. to support or establish the truth or certainty of something previously believed or suspected to be the case
synonym : affirm, verify, assure

(1) **confirm** the diagnosis, (2) **confirm** a transaction
Please write to **confirm** your reservation.

mention

v. to speak or write about something or someone briefly
synonym : reference, allude, cite

(1) **mention** name, (2) **mention** in a report
I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

confine

v. to restrict the movement of someone or something
synonym : restrict, limit, contain

(1) **confine** themselves solely, (2) **confine** the scope of use
The animal was **confined** in a small cage.

disappoint

v. to fail to meet someone or their hopes or expectations; to make someone feel sad
synonym : sadden, dismay, frustrate

(1) **disappoint** the audience, (2) don't **disappoint** me
She worked very hard not to **disappoint** her boss's expectations.

transit

n. the act or process of passing through or across a place or state; transportation
synonym : transportation, passage, transfer

(1) a **transit** visa, (2) mass **transit**

Public **transit** is an essential service for many cities.

exoplanet

n. a planet that orbits a star outside of the solar system

(1) the closest **exoplanet** to Earth, (2) **exoplanet** mission

The **exoplanet** Kepler-186f is located 500 light-years from Earth and is believed to be habitable.

solar

adj. of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

Solar panels have greatly improved not only in performance but also in durability.

blink

v. to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way

synonym: twinkle, flash, flicker

(1) **blink** his eyes, (2) **blink** in astonishment

He **blinked** in the dazzling sunlight.

orientation

n. a person's basic attitudes, beliefs, and preferences about particular things; a course introducing a new situation or environment

synonym: direction, introduction, frontage

(1) sexual **orientation**, (2) the school **orientation**

There will be an **orientation** lecture for new students this afternoon.

survey

n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions

synonym: study, examination, poll

(1) a comprehensive **survey**, (2) recent **survey**

That **survey** shows that people are accepting the tax increase to some extent.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

dim

adj. poorly lit; not bright

synonym : dull, faint, weak

(1) **dim** and distant past, (2) **dim** memory

The **dim** light made it difficult to read the book.

wavelength

n. the distance between two points in the same phase in consecutive cycles of a wave

(1) **wavelength** of light, (2) long- **wavelength** laser

White color is made up of many different **wavelengths** of light.

telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

extended

adj. longer than usual or anticipated

synonym : extensive, prolonged, elongated

(1) **extended** vacation, (2) **extended** payment

The **extended** airport runways may accommodate larger jets.

puffy

adj. swollen or distended, especially with air or gas;

synonym : swollen, distended, inflated

(1) **puffy** off-shore winds, (2) **puffy** eyes

His cheeks looked **puffy** after he overate junk food.

technique

n. a particular way or art of doing something that needs skill

synonym : approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

Jovian

adj. relating to Jupiter or its characteristics

synonym : Jupiter, giant planet

(1) **Jovian** satellites, (2) **Jovian** planet

The **Jovian** moon Europa is believed to have an ocean beneath its icy surface.

lightweight

adj. composed of thinner and lighter material than average; not severe or impressive

(1) **lightweight** aircraft, (2) **lightweight** structure

Powder coating protects the **lightweight** aluminum alloy components.

catastrophic

adj. extremely harmful; causing physical or financial destruction

synonym : fatal, disastrous, destructive

(1) victim of **catastrophic** injuries, (2) **catastrophic** climate change

The extinction rate of aquatic animals was **catastrophic**.

cease

v. to stop an action or event

synonym : stop, end, terminate

(1) **cease** to exist, (2) **cease** drinking

The company decided to **cease** production of the product.

rocky

adj. full of or abounding in rocks; of, relating to, or made of rock

synonym : stony, boulder-strewn, rough

(1) **rocky** terrain, (2) **rocky** relationship

The **rocky** road made it difficult to drive on.

rid

v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

synonym : do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

mercury

n. a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun

synonym : quicksilver, hydrargyrum, Hg

(1) **mercury** poisoning, (2) **Mercury** Plan

The **mercury** in the thermometer had risen to the boiling point.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym : extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

stream

n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

synonym : flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form high in the atmosphere.

Session 2: Spelling

1. te____s relationship *adj.* very weak or slight that it hardly exists
2. fa____y dream *adj.* located at a geographically distant place; remote or separated by distance; distant or not easily accessible
3. bo__ded with delight *v.* to move forward by leaps and bounds; to form the boundary of something
4. con_____ve statement *adj.* serving to settle an issue or put an end to doubt or uncertainty; irrefutable and leaves no room for doubt
5. pu__y eyes *adj.* swollen or distended, especially with air or gas;
6. charged pa_____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
7. r__t-proofing *n.* a reddish-brown coating or corrosion layer that forms on iron or steel as a result of exposure to moisture and oxygen; the process of corrosion on metal caused by oxidation
8. cat_____hic climate change *adj.* extremely harmful; causing physical or financial destruction
9. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
10. look through a te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects

ANSWERS: 1. tenuous, 2. faraway, 3. bound, 4. conclusive, 5. puffy, 6. particle, 7. rust, 8. catastrophic, 9. feat, 10. telescope

11. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
12. fl_____sh worldwide *v.* to grow or develop vigorously or successfully
13. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
14. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
15. ve___r stone *n.* a thin layer of material applied to the surface of something for decoration or protection; a superficial or deceptive outward appearance that conceals the true nature of something beneath it
16. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
17. the closest ex_____et to Earth *n.* a planet that orbits a star outside of the solar system
18. me_____n name *v.* to speak or write about something or someone briefly

ANSWERS: 11. planet, 12. flourish, 13. phenomenon, 14. process, 15. veneer, 16. universe, 17. exoplanet, 18. mention

19. highly-vo____le elements *adj.* likely to change rapidly or unexpectedly, or being unstable or explosive
20. ro__y relationship *adj.* full of or abounding in rocks; of, relating to, or made of rock
21. three-fourths of a po__d *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
22. the attraction of gr____y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
23. lunar cr____r *n.* a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite
24. a w__p of mist *n.* a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure
25. a binocular te____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
26. fun____al education *adj.* forming an essential base or core from which everything else develops or is affected
27. as____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere

ANSWERS: 19. volatile, 20. rocky, 21. pound, 22. gravity, 23. crater, 24. wisp, 25. telescope, 26. fundamental, 27. astronaut

28. fri_____ng experience *adj.* causing fear or alarm, or very surprising and alarming
29. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
30. Jo___n planet *adj.* relating to Jupiter or its characteristics
31. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
32. a tr_____t visa *n.* the act or process of passing through or across a place or state; transportation
33. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
34. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
35. me_____te shower *n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space
36. thousands of po__ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

ANSWERS: 28. frightening, 29. stick, 30. Jovian, 31. particle, 32. transit, 33. stick, 34. phenomenon, 35. meteorite, 36. pound

37. d_m memory *adj.* poorly lit; not bright
38. co____e themselves solely *v.* to restrict the movement of someone or something
39. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
40. ru__y nail *adj.* covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect
41. g__w gold in the light *v.* to give out a steady, strong light
42. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
43. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
44. an endless st___m of cars *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
45. au___a watching *n.* a natural appearance of colored light in Earth's sky that is usually seen in high-latitude regions, especially around the Arctic and Antarctic
46. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill

ANSWERS: 37. dim, 38. confine, 39. atmosphere, 40. rusty, 41. glow, 42. planet, 43. fundamental, 44. stream, 45. aurora, 46. technique

47. develop in_____e itching *adj.* (especially of a feeling) very strong; extremely sharp or severe
48. me_____y poisoning *n.* a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun
49. long-wav_____th laser *n.* the distance between two points in the same phase in consecutive cycles of a wave
50. ba_____n ride *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
51. co_____m the diagnosis *v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
52. fa_____y land *adj.* located at a geographically distant place; remote or separated by distance; distant or not easily accessible
53. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
54. atm_____ic pressure *adj.* about or located in the earth's atmosphere
55. polar au____a *n.* a natural appearance of colored light in Earth's sky that is usually seen in high-latitude regions, especially around the Arctic and Antarctic

ANSWERS: 47. intense, 48. mercury, 49. wavelength, 50. balloon, 51. confirm, 52. faraway, 53. astronaut, 54. atmospheric, 55. aurora

56. hy____en gas *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
57. me_____te impact *n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space
58. ex_____ed vacation *adj.* longer than usual or anticipated
59. Me_____y Plan *n.* a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun
60. m_r the reputation *v.* to damage or spoil the appearance or surface of something
61. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
62. a ti__t game *adj.* fixed, fastened, or kept together firmly or closely
63. get r_d of the rats *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
64. st_____ng disclosure *adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence

ANSWERS: 56. hydrogen, 57. meteorite, 58. extended, 59. mercury, 60. mar, 61. atmosphere, 62. tight, 63. rid, 64. stunning

75. the so__r system *adj.* of, from, or relating to the sun
76. the school ori_____on *n.* a person's basic attitudes, beliefs, and preferences about particular things; a course introducing a new situation or environment
77. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
78. the hydrogen binds the ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
79. decision-making pr____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
80. te____s link *adj.* very weak or slight that it hardly exists
81. lig_____ht structure *adj.* composed of thinner and lighter material than average; not severe or impressive
82. the st___m of time *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
83. att_____ve men *adj.* immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

ANSWERS: 75. solar, 76. orientation, 77. detect, 78. oxygen, 79. process, 80. tenuous, 81. lightweight, 82. stream, 83. attractive

84. ex_____et mission *n.* a planet that orbits a star outside of the solar system
85. a comprehensive su____y *n.* an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
86. pu__y off-shore winds *adj.* swollen or distended, especially with air or gas;
87. pr____l growth *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
88. don't dis_____nt me *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
89. victim of cat_____hic injuries *adj.* extremely harmful; causing physical or financial destruction
90. he____m atom *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
91. bl__k in astonishment *v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
92. ru__y metal *adj.* covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect
93. lig_____ht aircraft *adj.* composed of thinner and lighter material than average; not severe or impressive

ANSWERS: 84. exoplanet, 85. survey, 86. puffy, 87. propel, 88. disappoint, 89. catastrophic, 90. helium, 91. blink, 92. rusty, 93. lightweight

94. pho_____ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
95. me_____n in a report *v.* to speak or write about something or someone briefly
96. con_____ve information *adj.* serving to settle an issue or put an end to doubt or uncertainty; irrefutable and leaves no room for doubt
97. demonstrate an up____d trend *adv.* toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
98. a dy_____c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
99. without a gl_____r of truth *n.* a flash of light especially unsteady or reflected light; a slight sign of something
100. sexual ori_____on *n.* a person's basic attitudes, beliefs, and preferences about particular things; a course introducing a new situation or environment
101. co_____sy call *n.* polite behavior or remark that shows respect for other people
102. complex in_____ay *n.* the way in which two or more things interact or influence each other

ANSWERS: 94. photograph, 95. mention, 96. conclusive, 97. upward, 98. dynamic, 99. glimmer, 100. orientation, 101. courtesy, 102. interplay

103. Jo___n satellites *adj.* relating to Jupiter or its characteristics
104. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
105. m_r a proper relationship *v.* to damage or spoil the appearance or surface of something
106. bo__d up a staircase *v.* to move forward by leaps and bounds; to form the boundary of something
107. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
108. ro__y terrain *adj.* full of or abounding in rocks; of, relating to, or made of rock
109. ce__e to exist *v.* to stop an action or event
110. dy_____c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
111. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
112. candle la_____n *n.* a portable source of lighting, typically featuring a protective enclosure for the light source

ANSWERS: 103. Jovian, 104. discovery, 105. mar, 106. bound, 107. satellite, 108. rocky, 109. cease, 110. dynamic, 111. characteristic, 112. lantern

113. spa_____ft launch *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
114. ev_____on theory *n.* a gradual process of transformation of living things
115. a lunar pr__e *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
116. a so__r eclipse *adj.* of, from, or relating to the sun
117. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
118. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
119. dis_____nt the audience *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
120. att_____ve opportunity *adj.* immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable
121. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.

ANSWERS: 113. spacecraft, 114. evolution, 115. probe, 116. solar, 117. universe, 118. satellite, 119. disappoint, 120. attractive, 121. detect

131. un_____o surgery *v.* to go through something unpleasant or that involves a change
132. cast fri_____ng eyes *adj.* causing fear or alarm, or very surprising and alarming
133. he___m gas *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
134. ult_____et protection *adj.* relating to or occupying the part of the spectrum beyond the violet end, especially radiation
135. in_____ay among neurons *n.* the way in which two or more things interact or influence each other
136. g__w a pale orange *v.* to give out a steady, strong light
137. look up____d *adv.* toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
138. team of ex_____ers *n.* a person who travels to places where no one or few people have been before to find out what is there
139. ni_____en absorption *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
140. in_____te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

ANSWERS: 131. undergo, 132. frightening, 133. helium, 134. ultraviolet, 135. interplay, 136. glow, 137. upward, 138. explorer, 139. nitrogen, 140. indicate

141. doubling of atm_____ic carbon dioxide *adj.* about or located in the earth's atmosphere
142. a w__p of conversation *n.* a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure
143. a la_____n in the dark *n.* a portable source of lighting, typically featuring a protective enclosure for the light source
144. fail to show co_____sy *n.* polite behavior or remark that shows respect for other people
145. student on a ti__t budget *adj.* fixed, fastened, or kept together firmly or closely
146. a polar ex_____er *n.* a person who travels to places where no one or few people have been before to find out what is there
147. fe_____al attendee *n.* a celebration or event, usually marking a particular religious or cultural occasion, often involving processions, music, dancing, and the performance of plays or other artistic works
148. ult_____et light *adj.* relating to or occupying the part of the spectrum beyond the violet end, especially radiation
149. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 141. atmospheric, 142. wisp, 143. lantern, 144. courtesy, 145. tight, 146. explorer, 147. festival, 148. ultraviolet, 149. specific

150. ov_____me all difficulties *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
151. co_____m a transaction *v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
152. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
153. d_m and distant past *adj.* poorly lit; not bright
154. wav_____th of light *n.* the distance between two points in the same phase in consecutive cycles of a wave
155. ba_____n into a severe political problem *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
156. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
157. al_____ng news *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
158. ce__e drinking *v.* to stop an action or event
159. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 150. overcome, 151. confirm, 152. characteristic, 153. dim, 154. wavelength, 155. balloon, 156. feat, 157. alarming, 158. cease, 159. specific

160. ex____ed payment *adj.* longer than usual or anticipated
161. human ev_____on *n.* a gradual process of transformation of living things
162. give a gl_____r of light *n.* a flash of light especially unsteady or reflected light; a slight sign of something
163. ox_____t stress *n.* a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
164. lack of ox____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
165. pr__e for inside information *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
166. un_____o a decrease *v.* to go through something unpleasant or that involves a change
167. preserve my gr_____y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
168. ve____r knowledge *n.* a thin layer of material applied to the surface of something for decoration or protection; a superficial or deceptive outward appearance that conceals the true nature of something beneath it

ANSWERS: 160. extended, 161. evolution, 162. glimmer, 163. oxidant, 164. oxygen, 165. probe, 166. undergo, 167. gravity, 168. veneer

169. the te_____ue applied to construction
170. ov_____me opponents
171. international film fe_____al
172. a planetary or__t
173. the most am_____g feeling
174. in_____e heat
175. st_____ng beauty
176. am_____g advances
177. cr____r lake
- n.* a particular way or art of doing something that needs skill
- v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
- n.* a celebration or event, usually marking a particular religious or cultural occasion, often involving processions, music, dancing, and the performance of plays or other artistic works
- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
- adj.* extremely surprising, especially in a way that you like or admire
- adj.* (especially of a feeling) very strong; extremely sharp or severe
- adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
- adj.* extremely surprising, especially in a way that you like or admire
- n.* a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite

ANSWERS: 169. technique, 170. overcome, 171. festival, 172. orbit, 173. amazing, 174. intense, 175. stunning, 176. amazing, 177. crater

ANSWERS:

Session 3: Fill in the Blanks

1. The human-crewed _____ successfully landed on the moon, fulfilling its mission.
n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
2. The paper-covered _____ glowed softly in the darkness.
n. a portable source of lighting, typically featuring a protective enclosure for the light source
3. The _____ for applying for a visa can be lengthy and complicated.
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
4. The growth of the "sharing economy" is _____ for tech companies.
adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable
5. The news of the pandemic was a _____ reminder of the fragility of human health.
adj. causing fear or alarm, or very surprising and alarming
6. The sprinter has a _____ way of running.
adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 1. spacecraft, 2. lantern, 3. process, 4. attractive, 5. frightening, 6. dynamic

7. The extinction rate of aquatic animals was _____.
- adj.* extremely harmful; causing physical or financial destruction
8. The _____ Kepler-186f is located 500 light-years from Earth and is believed to be habitable.
- n.* a planet that orbits a star outside of the solar system
9. Public _____ is an essential service for many cities.
- n.* the act or process of passing through or across a place or state; transportation
10. Human behavior has _____ characteristics.
- adj.* forming an essential base or core from which everything else develops or is affected
11. Launching an artificial _____ contributed to the technological development of our country.
- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
12. She worked very hard not to _____ her boss's expectations.
- v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
13. The _____ is about 13.8 billion years old.
- n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
14. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 7. catastrophic, 8. exoplanet, 9. transit, 10. fundamental, 11. satellite, 12. disappoint, 13. universe, 14. discovery

15. Different cultures have different ways of expressing _____.
- n.* polite behavior or remark that shows respect for other people
16. The research provided _____ evidence that the new treatment was effective.
- adj.* serving to settle an issue or put an end to doubt or uncertainty; irrefutable and leaves no room for doubt
17. The _____ balloons floated into the sky.
- n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
18. That statement by the prime minister drew _____ international criticism.
- adj.* (especially of a feeling) very strong; extremely sharp or severe
19. An enormous _____ marks the area where the vast volcanic explosion occurred.
- n.* a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite
20. A rainbow is a natural _____.
- n.* something that exists and can be perceptible, especially one that is not fully understood
21. The sea surface temperature and _____ circulation are inextricably linked.
- adj.* about or located in the earth's atmosphere
22. The company decided to _____ production of the product.
- v.* to stop an action or event

ANSWERS: 15. courtesy, 16. conclusive, 17. helium-filled, 18. intense, 19. crater, 20. phenomenon, 21. atmospheric, 22. cease

23. Jockey's superior _____ brought him victory.
n. a particular way or art of doing something that needs skill
24. I found an old _____ of my grandparents from their wedding day.
n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
25. Mercury is the closest _____ to the sun.
n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
26. The national election was held amid _____ security.
adj. fixed, fastened, or kept together firmly or closely
27. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
28. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
29. The _____ sunset took everyone's breath away.
adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
30. _____ radiation can cause skin damage if one is exposed for too long.
adj. relating to or occupying the part of the spectrum beyond the violet end, especially radiation

ANSWERS: 23. technique, 24. photograph, 25. planet, 26. tight, 27. amazing, 28. detected, 29. stunning, 30. Ultraviolet

31. White color is made up of many different _____ of light.
- n.* the distance between two points in the same phase in consecutive cycles of a wave
32. You _____ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
33. We must ____ ourselves of pollution.
- v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
34. The shuttle _____ trained for months before embarking on the space mission.
- n.* a person trained by a space agency to travel outside the Earth's atmosphere
35. The scratches on the car _____ its otherwise perfect appearance.
- v.* to damage or spoil the appearance or surface of something
36. Evidence submitted by attorneys is _____ due to a lack of objectivity.
- adj.* very weak or slight that it hardly exists
37. The music _____ attracts visitors from all over the world.
- n.* a celebration or event, usually marking a particular religious or cultural occasion, often involving processions, music, dancing, and the performance of plays or other artistic works
38. The ____ of smoke from the candle added to the room's cozy ambiance.
- n.* a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

ANSWERS: 31. wavelengths, 32. stick, 33. rid, 34. astronaut, 35. marred, 36. tenuous, 37. festival, 38. wisp

39. The _____ and the oxygen react and then form water.
- n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
40. He _____ in the dazzling sunlight.
- v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
41. Powder coating protects the _____ aluminum alloy components.
- adj.* composed of thinner and lighter material than average; not severe or impressive
42. Northern and southern hemispheres alike experience the _____.
- n.* a natural appearance of colored light in Earth's sky that is usually seen in high-latitude regions, especially around the Arctic and Antarctic
43. The _____ fragments were collected and sent to a laboratory for analysis.
- n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space
44. Bananas have their _____ taste and odor.
- n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
45. The data _____ that the company's profits have steadily increased over the past quarter.
- v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
46. The astronaut felt weightless in space due to the absence of _____.
- n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

ANSWERS: 39. hydrogen, 40. blinked, 41. lightweight, 42. aurora, 43. meteorite, 44. characteristic, 45. indicates, 46. gravity

47. The Ottoman Empire _____ for over five centuries.
v. to grow or develop vigorously or successfully
48. Their relationship was _____ and prone to sudden outbursts of anger.
adj. likely to change rapidly or unexpectedly, or being unstable or explosive
49. The company adjusted the revenue _____.
adv. toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
50. His cheeks looked _____ after he overate junk food.
adj. swollen or distended, especially with air or gas;
51. Breathing in large amounts of _____ like ozone, can harm the respiratory system.
n. a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
52. I _____ to him that I had seen his sister at the grocery store earlier that day.
v. to speak or write about something or someone briefly
53. The satellite _____ slowly ascended into the sky.
n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
54. The _____ of light and shadow creates a dramatic effect in the painting.
n. the way in which two or more things interact or influence each other

ANSWERS: 47. flourished, 48. volatile, 49. upward, 50. puffy, 51. oxidants, 52. mentioned, 53. balloon, 54. interplay

55. An increase in employment helps _____ economic growth.
- v.* to move, drive or push something forward or in a particular direction, often with a lot of force
56. Jet _____ are the common name for air currents that form high in the atmosphere.
- n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
57. NASA sent a _____ to study the atmosphere of Jupiter.
- n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
58. He tried to _____ a bad reputation and win the election.
- v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
59. We can calculate the position of the _____ statistically.
- n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
60. The rocket engine is used to put the satellite into _____.
- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
61. _____ panels have greatly improved not only in performance but also in durability.
- adj.* of, from, or relating to the sun

ANSWERS: 55. propel, 56. streams, 57. probe, 58. overcome, 59. particles, 60. orbit, 61. Solar

62. The animal was _____ in a small cage.

v. to restrict the movement of someone or something

63. The _____ airport runways may accommodate larger jets.

adj. longer than usual or anticipated

64. The car's front bumper cost fifteen hundred _____.

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

65. This facility has the largest astronomical _____ in the country.

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

66. The scientist conducted a study that provided _____ details about the species' behavior.

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

67. The spaceship began to burn up as it approached the Earth's _____.

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

68. The _____ moon Europa is believed to have an ocean beneath its icy surface.

adj. relating to Jupiter or its characteristics

69. The sun was setting, and the sky _____ with beautiful colors.

v. to give out a steady, strong light

ANSWERS: 62. confined, 63. extended, 64. pounds, 65. telescope, 66. specific, 67. atmosphere, 68. Jovian, 69. glowed

70. That _____ shows that people are accepting the tax increase to some extent.
n. an investigation of the opinions, behavior, etc. of a particular group of people, made by asking people questions
71. The _____ in the thermometer had risen to the boiling point.
n. a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun
72. The view from the _____ hilltop was breathtakingly beautiful.
adj. located at a geographically distant place; remote or separated by distance; distant or not easily accessible
73. There will be an _____ lecture for new students this afternoon.
n. a person's basic attitudes, beliefs, and preferences about particular things; a course introducing a new situation or environment
74. The ___ light made it difficult to read the book.
adj. poorly lit; not bright
75. They watched the train _____ into the distance.
v. to cease to exist or be visible
76. The wooden table had a thin _____ of cherry wood on top, giving it a beautiful and glossy finish.
n. a thin layer of material applied to the surface of something for decoration or protection; a superficial or deceptive outward appearance that conceals the true nature of something beneath it
77. The _____ gate creaked loudly as it opened.
adj. covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect

ANSWERS: 70. survey, 71. mercury, 72. faraway, 73. orientation, 74. dim, 75. disappear, 76. veneer, 77. rusty

78. The train has to _____ rigorous safety checks.
v. to go through something unpleasant or that involves a change
79. Please write to _____ your reservation.
v. to support or establish the truth or certainty of something previously believed or suspected to be the case
80. The old car was covered in _____ and needed extensive repair work.
n. a reddish-brown coating or corrosion layer that forms on iron or steel as a result of exposure to moisture and oxygen; the process of corrosion on metal caused by oxidation
81. There is however a _____ of hope.
n. a flash of light especially unsteady or reflected light; a slight sign of something
82. The passenger grabbed for the _____ mask.
n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
83. _____ gas is used to inflate car tires because it does not react with rubber.
n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
84. The _____ road made it difficult to drive on.
adj. full of or abounding in rocks; of, relating to, or made of rock
85. Aboriginal people killed the _____ who entered the sacred land for them.
n. a person who travels to places where no one or few people have been before to find out what is there

ANSWERS: 78. undergo, 79. confirm, 80. rust, 81. glimmer, 82. oxygen, 83. Nitrogen, 84. rocky, 85. explorer

86. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.

n. a notable or impressive achievement, especially one that requires great skill or bravery

87. The sudden rise in crime rates in our neighborhood is quite _____.

adj. causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing

88. They study the _____ of the universe.

n. a gradual process of transformation of living things

89. Canada _____ on the United States.

v. to move forward by leaps and bounds; to form the boundary of something

ANSWERS: 86. feat, 87. alarming, 88. evolution, 89. bounds